

FOREIGN DOCUMENTS DIVISION

FDL NOTICE
No. 8-54

22 June 1954

SUBJECT: Basic Exploitation Program for Scientific and Technical
Reporting on the USSR and Orbit Countries

A. General

1. The following Basic Exploitation Program for scientific and technical reporting on the USSR and Orbit countries is effective as of this date. The program consists of a monthly report of news items on science in Orbit countries; a monthly survey of scientific and technical dissertations defended at USSR higher educational institutions; a monthly survey of references in non-English abstract journals to information from unavailable USSR scientific and technical serial publications; abstracting of USSR scientific and technical periodicals; reports on trends in specific fields of USSR science; monthly annotations of Chinese Communist scientific and technical monographs; and a semiannual report on Chinese Communist scientific and technical periodicals.

2. The following personnel are responsible for collating information received, maintaining branch and division schedules and receiving information from other branches of the division for the reports indicated:

Monthly Report of News Items on Science in Orbit Countries -

[Redacted]

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Monthly Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions -

[Redacted]

25X1A

Monthly Survey of References in Non-English Abstract Journals to Information from Unavailable USSR Scientific and Technical Serial Publications -

[Redacted]

25X1A

Abstracting of USSR Scientific and Technical Periodicals
(Periodicals are assigned to personnel on the basis of the subject(s) involved)

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Reports on Trends in Specific Fields of USSR Science -

[Redacted]

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Monthly Annotations of Chinese Communist Scientific and Technical Monographs -



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Semiannual Report on Chinese Communist Scientific and Technical Periodicals -



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The Chief of the Scientific and Technical Branch will designate alternates for the above personnel as required.

3. All branches are directed to cooperate by reporting to Scientific and Technical Branch current items of information pertinent to any phase of the Basic Exploitation Program for scientific and technical reporting on the USSR and Orbit countries.

4. Reports presented will represent complete coverage of the sources indicated. Generally, each item presented will be fully exploited. Exceptions will be indicated with a bracketed statement noting availability and type of additional information.

5. The schedule of reporting must be maintained as indicated.

B. Program

The sources to be used, format, and schedule of the various reports in the Basic Exploitation Program for scientific and technical reporting on the USSR and Orbit countries are as follows:

1. Monthly Report of News Items on Science in Orbit Countries

a. Sources: All FID periodicals and newspapers.

b. Format: Summary report. Press style. By subject. Each item to be no more than 125 words. Information for this report to be on a selective basis. Cover publication. Classification: "CONFIDENTIAL"

c. Schedule: To Reports Branch at 0900 on the second Wednesday of the month. (Initiated May 1954)

2. Monthly Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions

a. Sources: All USSR newspapers and scientific and technical periodicals. (Plus additional sources received in FID as determined by Chief, Scientific and Technical Branch)

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- b. **Format:** Summary report. Current US dissertations report style. By subject and degree, listing author, dissertation title, date of defense, institutional affiliation, and sponsors. Cover publication. Classification: "CONFIDENTIAL"
(The introduction to each report will state that the information was obtained from sources dated....)
- c. **Schedule:** To Reports Branch at 0900 on the first Thursday of the month. (To begin on 1 July 1954)
3. **Monthly Survey of References in Non-English Abstract Journals to Information from Unavailable USSR Scientific and Technical Serial Publications**
- a. **Sources:** Referativnyy Zhurnal - Astronomiya
" " - Fizika
" " - Khimiya
" " - Matematika
" " - Mekhanika
(plus additional sources as determined by Chief, Scientific and Technical Branch)
- b. **Format:** Summary report. By subject and unavailable source, listing author, title of paper, and translation or abridgment of the abstract. OO-W publication. Classification: "SECRET"
(The introduction to each report will state that the information was obtained from sources dated....)
- c. **Schedule:** To Reports Branch at 0900 on the second Tuesday of the month. (To begin on 13 July 1954)
4. **Abstracting of USSR Scientific and Technical Periodicals**
- a. **Sources:** Fiziolozhicheskii Zhurnal Ineni Sechenova
Izvestiya Akademii Nauk SSSR, Otdeleniya Tekhnicheskikh Nauk
Izvestiya Akademii Nauk SSSR, Seriya geofizicheskaya
Izvestiya Akademii Nauk SSSR, Seriya matematicheskaya
Khimicheskaya promyshlennost'
Matematicheskii sbornik
Prikladnaya matematika i mekhanika
Radiotekhnika
Uspekhi matematicheskikh nauk
Vestnik Moskovskogo Universiteta, Seriya
Fiziko-matematicheskikh i yestestvennykh nauk
Vestnik rentgenologii i radiologii
Veterinariya
Zhurnal eksperimental'noy i teoreticheskoy fiziki

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Zhurnal epidemiologii, mikrobiologii, i immunobiologii
Zhurnal obshchey biologii
Zhurnal tekhnicheskoy fiziki
(Note: List is subject to change)

- b. Format: Reference aid. By source. Periodicals to be fully abstracted. On 5 x 8 cards following agreed format.
Classification: Unclassified
- c. Schedule: To be sent to Reports Branch as titles are completed.

5. Reports on Trends in Specific Fields of USSR Science

- a. Sources: All USSR scientific and technical periodicals.

- b. Format: Summary report. One for each subject consisting of text and supporting bibliographic data. OO-W publication. Classification: "CONFIDENTIAL" or "SECRET"
- Subjects requested to date are as follows:
- Dispersion of solids and liquids in gases - aerosols
 - Dispersion of liquids and solids in liquids
 - Absorption phenomena and techniques in liquids - adsorbents
 - Surface active phenomena and surfactants
 - Colloid chemistry
 - Combustion - Hydrocarbons
 - Flames and partial combustion in chemical syntheses
 - Ultrasonic research applied to chemistry
 - Metall hydrides
 - Metall carbides
 - Inorganic fluorine compounds
 - Hydrogen cyanide and inorganic cyanogen compounds
 - New tools for analysis
 - Organic mercury compounds
 - Organic arsenic and antimony compounds
 - Organic group I, II, and III metals
 - Organic silicon compounds
 - Acetylene chemistry
 - Organic nitro compounds
 - Organic fluorine compounds
 - Organic phosphorus compounds
 - Organic amine chemistry
 - Protein research
 - Biochemical syntheses
 - Industrial toxicology and control methods
 - Stream and air pollution
 - Chemical contamination of foods and drugs
 - Synthetic insecticides and repellents
 - Synthetic plant growth regulators

Endenticides and animal repellants
Chemistry and technology of fermentation
Explosion phenomena
Dust explosion
Protective coatings having unusual chemical or physical properties
Natural and synthetic rubber

c. **Schedule:** To be produced as sufficient material becomes available.

6. Monthly Annotations of Chinese Communist Scientific and Technical Monographs

a. **Sources:** All Chinese Communist scientific and technical monographs.

b. **Format:** Reference aid. Annotated bibliography style. By subject. Annotations will include a description of the scope, level of scholarship, and nature of the document. Cover publication.
Classification: "CONFIDENTIAL"

c. **Schedule:** To Reports Branch on the third Tuesday of the month.
(To begin on 20 July 1954)

7. Semiannual Report on Chinese Communist Scientific and Technical Periodicals

a. **Sources:** All Chinese Communist scientific and technical periodicals.

b. **Format:** Summary report. By source. The report will cover all such periodicals and will carry an annotation describing the composition and scope of the periodical, critical comments on the nature of the material covered (i.e., level of scholarship, whether original Chinese research and development, proportion devoted to review or presentation of Western or Soviet science and technology), and an analysis of changes and trends in these respects since the last annotation. Cover publication. **Classification:** "CONFIDENTIAL"

c. **Schedule:** To Reports Branch on the second Wednesday of April and October. (To begin on 13 October 1954)



J. J. MARSHALL
Chief, Foreign Documents Division

Distribution:
Area branch personnel

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